

NEWS BULLETIN

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पत्रिका



NEPAL GEOLOGICAL SOCIETY

नेपाल भौगर्भिक समाज

Volume 2

1985 February (Falgun)

Number 2

Published by
NEPAL GEOLOGICAL SOCIETY
KATHMANDU, NEPAL

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EDITORIAL

The Nepal Geological Society is pleased to bring this number of its Bulletin to its readers. The number contains articles and information related to the Society during the past year. A new Executive Committee of the Society was elected in September, and a farewell/welcome annual dinner was addressed by Honourable Minister of Industry, Mr. N. D. Bhatt. The Minister highlighted the increasing role of geoscience in the manifold developmental activities of the Kingdom.

The Society has gained further strength: its total number of membership exceed 141. International contacts are slowly being widened and an all round greater interest in the orogeny of Himalayas is discernible. A large number of geologists from Idaho, U. S. A. and Okinawa, Japan, among others, visited the country in the past year and many fruitful exchanges of observations/ideas were organized.

The Society continues to feel delighted on its achievements, and expects more and more contributions from its members and well wishers, and taking advantage of the publication of this issue the Society wishes to extend its best wishes for a Happy 1985 to all its members and readers.

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NGS News

To elect a new executive committee of the NGS for the period of 1983/84-1985/86, an election sub-committee was duly formed under the chairmanship of Mr. Y. L. Singh. The last date of filing the nomination forms and the election date were fixed on 16 Aug 1984 and 31 Aug 1984 respectively. As there were no contestants for the various posts, the new executive committee was declared elected unopposed on 20 Aug 1984. The following members constitute the executive committee:

Mr. N.B. Kayastha - President
Mr. S.B. Shrestha - Vice-President
Mr. R.K. Aryal - Secretary
Mr. P.K. Mool - Joint Secretary
Mr. U.M.S. Pradhan - Treasurer
Mr. H.D. Pradhananga - Member
Mr. U.M. Pradhan - Member

In to our tradition, the celebration of annual dinner was organized in the Crystal on 14 Sept. 1984. The then Honorable Minister for

Health, Industry and Commerce graciously presided over the function as a chief-guest. The other distinguished guests who conferred honor on the occasion were Honorable Dr. R.S. Rana, Vice-Chairman, NGS, Honorable Dr. M.M. Saini, Vice-Chairman, National Planning Commission. The full participation from the members of NGS has to be highly appreciated. The occasion provided a good opportunity for the members of NGS to discuss with the Honorable guests about the various aspects of the geological developments in Nepal. The spouses of the most of the members of NGS also got an opportunity to exchange their views with others and their presence was appreciated.

3. The itineraries of the evening started with a welcome speech by the outgoing President (Mr. N.B. Kayastha) followed up by the introduction of the members of the new executive body and the speech delivered by the Chief Guest (Hon. the Minister for

N. D. Bhatt). The Chief Guest's speech mainly concentrated on the various contributions made by the geologists to the building of the nation. He further said that the various interests of geologists (mainly their professional or career developments) should have to be considered with full sympathy by all concerned institutions in Nepal. Later, Mr. N. B. Kayastha (Present President) extended a vote of thanks to the chief guest, guests and others for kindly gracing the occasion and solicit them for such encouragements in future also. He also emphasized that without the full co-operation from all concerned institutions and our own members, the NGS could not go forward a centimeter in the pursuit of achieving its goal. The reiteration about the necessity of Geo-scientific council for co-ordination at national level was also made by him as his predecessors.

4. To smoothen the course of activities of NGS, the executive committee (as per the constitution) nominated Mr. S.R. Sharma and Mr. B. Dongol as

the members of the executive committee.

5. The foremost and intrinsic aim of the NGS is to publish scientific journals (Bi-annual) which would include articles exclusively of scientific interest on Earth-Science and on the geology of the Himalayas. To facilitate the editing and publication of the Societies' Journals and News-Bulletin, a new editorial board has been formed, effective from October 1984. The members of the Editorial Board are as follows:

1. Mr. J. M. Tater - Editor-in-chief
2. Mr. R. K. Aryal - Managing Editor
3. Mr. S. B. Shrestha - Editor
4. Mr. N. D. Maskey - "
5. Mr. R.L.P. Tandukar - "
6. Mr. B. M. Pradhan - "
7. Mr. R. R. Sharma - "
8. Mr. J. N. Shrestha - "

6. On the initiation of the society, a lecture on the Geology of Kumaon Himalayas by Professor K. S. Valdiya, was organised on 5 Dec. 1984 at the auditorium of DMG.

Knowledge is always being born and dying; it is a tree which pushes new branches while others wither and drop. We have to be on our guard against dead and petrified knowledge bequeathed to us by former generations.

— WALTER RALEIGH

मानविय उद्योग मन्त्री श्री नारायण वल्लभ मृदुङ्गको भाषण

श्री अध्यक्ष उज्जु, अतिथी वर्ग, भूगर्भ विद्, महिला तथा सञ्जन वृन्द ।

नेपाल शोधमिक समाजको यस शत्री-
भोजन श्रेणी शब्द बोल्ने सोका विषु भएकोमा
म यस समाज प्रति आभार व्यक्त गर्दछु । शोधमिक
समाजको विकासद्वारा राष्ट्रको विकासमा सक्रिय
रूपले संलग्न हुने उद्देश्य निम्न २०२६ सालमा
देश भरका सम्पूर्ण भूगर्भ विद्हरूको सामुहिक
अभिलेखबाट सम्पन्न भएको यो नेपाल शोधमिक
समाज आज १४० सदस्यहरूको परिवार भै संगठित
रूपले प्रगति पथमा निरन्तर लम्किरहेको थाहा
पाउँदा मलाई धेरै खुशी लागेको छ ।

देश विकासको सम्बन्धमा विज्ञान र प्रविधिको
प्रयोग गर्ने भन्ने यहाँ भनि रहनु पर्ने कुरा होइन
जस्तो लाग्छ । विज्ञान र प्रविधिको विकास बिना
देश विकास हुन असम्भव प्रायः छ भन्ने कुरामा
सर्वजना सहमत भै सँगै होला । यस महत्त्वलाई कुरी
बुझी श्री ५ महाराष्ट्रप्रदेश सरकारबाट विशेष
थापना निम्नतरी नेपाल राजकीय विज्ञान तथा प्रविधि
प्रज्ञा प्रतिष्ठानको स्थापना गरि वस्तुकोबाट मौसुम
कारणको यस क्षेत्र प्रविधिको कठिबद्धता सलङ्गित ।
अहो विशेषतया देश विकास कार्यको लागि भूगर्भ
विद्हरूको महत्त्वपूर्ण जिम्मेवारी रहेको छ । नेपाल
जस्तो विकासशील देशले पूर्णतया देशको विधानान
प्रतिष्ठित सदस्य शक्ति विवरण हुन परेको छ ।

तत्परे विकासमा तपाईंहरूले अपनाउनु भएको कसबुला
प्रविधिहरू जस्ताई प्राकृतिक सम्पदाहरूको विकास
गरी त्यसको फल देशको सम्पूर्ण जनता सबै
पुन्याउनु समयको माग हो ।

यस सम्बन्धमा खनिज तथा जल सम्पदा
जस्तो प्राकृतिक श्रोतमा निर्भर रहनु परेका हामी
नेपालीलाई देशको विद्यमान प्राकृतिक सम्पदाहरूको
समुचित उपयोग गर्ने सक्ने स्थिति बनाउन सबै
बाज्र अगिराज्यभर साधन गरि रहनु परेका
बादी, पैदो, भूकम्प, भूकम्प आदि प्राकृतिक
प्रकोपबाट बचाउनमा तपाईं भूगर्भ विद्हरूको
विशेष योगदान उल्लेखनीय हुने कुरा मैले दोहोराई
रहनु पर्दैन । अन्य देशहरूमा जस्तै हाम्रो देशमा
पनि वाघ, नहर, सडक, पुल, नहर निर्माण, निवृत्त
केन्द्र विभाग आदि विकास कार्यहरूमा पनि भूगर्भ
विद्हरूको भूमिका निरन्तर बढ्दै गएको महत्त्व
गरिएको छ ।

खनिज विकासको सम्बन्धमा तपाईंहरूको
बिगत वर्षहरूका अटुट कठोर प्रयासको फल उल्लेख
उपयोग गर्ने शक्ती रहेको छ । यसैजस्तै हिमालको
पौशा जस्ता खानी, खरिद गएको स्पार्मेसाईट, हिमाल
सिमेन्ट कारखाना, हेटौडाको सिमागाधिका सिमेन्ट

[illegible]

नेपाल अधिराज्य, नेपालको देशको भूभाग
विद्वद्गणलाई भाषि अनिष्टका आशयका तर्फ निराला
सफल गराउने उनीहरूको मनोबललाई बढाउनलाई
ईशानिक विष्णुको नाममा उद्देश्यका प्रकृति हासिल
गर्ने उद्देश्यका भाषाको उद्देश्यका भाषा भूभागको
सहित यो भाषा भाषाको उद्देश्यका भाषाको भाषाको
गर्दछ ।

अन्वेषका यत्न प्रभावशालीता प्रमाण प्रमाण
निर्वाहक बीज रक्षि तन्त्रात्मक प्रमाण प्रमाण प्रमाण
निर्वाहक बीज रक्षि तन्त्रात्मक प्रमाण प्रमाण प्रमाण
गुरुदेव ।

to be made in Japan consist in laying brick upon brick, not by regular courses of bricks.

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Petroleum Exploration in Nepal

— N. B. Kayaatha*

With a view to explore the possibilities of finding Petroleum in Nepal, Department of Mines and Geology (DMG) had conducted airborne magnetometer survey from 1978-79 over the Siwaliks and Terai belts of the country, covering an area of 48000 sq. km. under the IDA Credit/World Bank. The Survey indicated some promising area and based on these results, DMG established "Petroleum Exploration Promotion Project" (PEPP) in 1981 to execute Petroleum Exploration in Nepal.

Reconnaissance Seismic Reflection Survey, covering more than 1260 line km. in Terai and Chure hills was conducted during 1982-84 under IDA Credit/World Bank. In addition Pokhara, Jomsom and Kathmandu Valleys were also surveyed to acquire supporting data for interpretation which are expected to be available by the end of 1984. So far, some of the results

are quite promising and optimistic for Petroleum exploration in Nepal. The analysed rock samples belong to source rock category because the TOC'S average is quite high.

HMG of Nepal, had already laid ground work for exploration with its First Petroleum Acts approved in 1983. Regulations and model agreements are being finalised.

Furthermore, a series of promotional meetings are being planned by PEEP/DMG in Kathmandu, London and Houston in the month of March-April 1985. The presentation will review the results of seismic and geological investigations. A promotional report, covering regional aspect of the new work and legal details of exploration blocks offered, will be made available to interested International companies. This will enable Nepal soon to join the rank of Asia's oil and gas explorers.

* S. Geologist, Department of Mines and Geology, Lainschour, Kathmandu, Nepal.

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A Note On "Studies On The Crustal Movements In The Nepal Himalayas (CMH)"

— T. P. Adhikary*

A project on "Studies on the crustal movements in the Nepal Himalayas (CMH)" was initiated in 1980 by a team of Japanese scientists headed by Prof. Koshiro Kizaki of Ryuku University, Okinawa, Japan. The field investigation are carried out under the aid-grant from the Ministry of Education, Science and Culture, Japan and with the permission of the National Council for Science and Technology, Nepal. The team also includes one Nepali Geologist of Department of Mines & Geology as a Liason Officer and co-worker of the project.

The aim of the project was to elucidate the process of rise of the Himalayas mountain ranges. It is believed that integration of the data obtained from geological, geomorphological and geodetic investigations will help in materialising the

objective of the studies.

Field investigation first started in September 1980 by the team members of the project. The result of first and second phases of field investigation have been published in vol. 2 and vol. 4 special issues of the Journal of Nepal Geological Society in 1982 and 1984 respectively. The third and the last phase of field investigation will continue till February 1985. Total team members so far involved in all the three phase of field investigation of the project are twenty-four.

After the completion of the third phase of CMH project-work the team is supposed to come out with some conclusions on the dynamics and kinematics of the crustal movements that led the Himalayas to be the world's highest mountain range.

* Geologist, Department of Mines and Geology, Lainchour, Kathmandu, Nepal.

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बहुमूल्य जिवाशेष

विश्व विख्यात मानवशास्त्री (Anthropologist) श्री रिचर्ड लिडिका एहरेमि केन्याली श्री कामोया जिनेउवे सेक टुकीलाको पश्चिमी किनारमा रुन्द सम्पूर्ण आदि मानव अस्तित्वनजर भेटाएका छन् । पाइएको उक्त अवशेषमा मानव शरीरका बायाँ हात, दाहिने पंजा र खुट्टा मात्र पुग्दैन । यस भन्दा पहिला पनि होमो इरेक्टस परिवारमा पर्ने प्रसिद्ध जाव (Jawa) तथा पेकिङ्ग (Peking) मान्छेका स-साना टुक्रा पाइएका थिए । तर हाल पाइएको अवशेष छुट्टै १६ लाख वर्ष पुरानो करीव १२ वर्ष उमेर भएको ५½ फिट अग्लो केटीको हनु, भुक्त भन्ने सिक्कि र जोन हपकिन्स विश्व विद्यालयका एना-टोमिष्ट एलानको विचार छ ।

वैज्ञानिक मतानुसार करीव २० लाख वर्ष पहिलेको होमो हाविलिस वाट क्रमशः विकसित हुँदै आएको होमो इरेक्टस (Homo erectus) नै विकसित भएर करीव ४ लाख वर्ष अघि होमो सापियन्स (Homo Sapiens) बन्न पुगेको हो ।

यस नयाँ खोजले मानव शरीरको विकाश कसरी भयो र हालको अवस्थामा कसरी बायाँ भन्ने प्रश्नको उत्तर दिनेछ भन्ने आशा गर्न सकिन्छ । यस अलावा मानव जातिको प्रथम उत्थान अफ्रिका माहाद्विपमा नै भएको र त्यहीबाट संसार भरि फैलिएको भन्ने मत राख्ने विशेषज्ञहरूलाई अरु कप मद्दत पुग्ने कुरा निबिन्नद छ ।

(साभार 'न्युजविक')

The purpose of classification is not to set forth final and indisputable truths but rather to afford stepping stones toward better standings.

— L. C. GRATON

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परिवार

Reconnaissance Geological Project In The Langtang - Jugal Area

— M. M. Miller* & L. D. Miller**

During October, 1984, the University of Idaho Langtang Geological Expedition conducted reconnaissance geological and geomorphological studies in the Langtang and Jugal Himal of northern Nepal, with emphasis on the Langtang National Park.

There were 18 members of the expedition, led by Dr. Maynard M. Miller, Dean of the College of Mines and Earth Resources and Professor of Geology at the University of Idaho, Moscow, ID., (Dr. Miller had been the geologist on the 1963 American Mt. Everest Expedition to Sola Khumbu). All of the members were experienced in field work, most having participated over a number of years in the Foundation for Glacier and Environmental Research's expeditions on the Juneau Icefield, Alaska. Sixteen were from the United States and two from Canada.

The members of the expedition, in addition to Dr. Miller, in alphabetical order were: Karlen Anderson, a graduate

student in geology at the University of Idaho; Gordon Binkhorst, an undergraduate in geology at Brown University; Kathy Calhoun, an undergraduate in geology at Stanford University; Sterling W. Childs, II, a forester and geology graduate from Yale University; Charles Fitzpatrick, a geography teacher and anthropology graduate student at the University of Minnesota; Steve Garwin, a structural geology graduate student at the University of British Columbia, Canada; Ken Loken, a bush pilot from Juneau, Alaska; Dr. Richard Marston, Professor of Geomorphology, University of Texas, El Paso; George H. Miller, M.D., from Twin Falls, Idaho, who served as the expedition's medical officer; Lance D. Miller, graduate student in economic geology from the University of Idaho and Stanford University; Ross McCord Miller, a geological expedition logistics expert and environmental designer from Cambridge, Massachusetts; Kathleen B. Schoen, a geo-

* Professor of Geology, University of Idaho, USA

** Graduate Student, University of Idaho, USA

logical and construction engineer, Atlantic
Richfield Co., at Prudhoe Bay, Alaska.

Dr. Peter Siem, Professor of Geology,
University of Idaho; Willi Siems, Regis-
tered Nurse; Dr. Ann Tallman, Senior
Environmental Geologist with the Rockwell-
Hanford operations at Richland, Washing-
ton; Gary Thomas, miner and outfitter,
Atlin, B. C., Canada; Dr. Aylmer H.
Thompson, Professor of Climatology and
Meteorology, Texas A. and M. University.

Members of the expedition were
fortunate to have had the opportunity to
talk with Mr. J. M. Tater, Deputy Dire-
ctor General, Dept. of Mines and Geology,
of His Majesty's Government in Nepal,
and with Mr. N. B. Kayastha and other
senior geologists on the Department's staff
prior to the start of their departure from
Kathmandu. Useful conferences were also
held with Mr. K. D. Bhattarai, Chief of
the Photogeology Section of the Depart-
ment and others on the staff of the Rem-
ote Sensing Center in Kathmandu, and
with Mr. B. N. Upreti, Director General
of National Parks in Nepal.

The expedition spent three weeks
travelling by trail up the west side of
the Trisuli River from Betrawati to Sya-

brubensi and from there to uppermost
Langtang Valley, in the area between
—Largest Domes (23,765 ft; 7245 m) and
Pemthang (Dome Blanc, 22,412 ft; 6830 m).
A traverse was then made southward over
16,900-foot (5132 m) Ganja La Pass and
across the Ingal Himal to the Halambu
region. Reconnaissance geological obser-
vations were made on this route, with em-
phasis on mass wastage, geology, glacial
geomorphology, glaciology, glacio-hydro-
logy and structural, igneous and metamor-
phic geology. Samples of plutonic and
metamorphic rocks were collected to be
subjected to thin-section analysis upon
return to the United States. Of special
interest were the occurrence of coarse-grained
granite intrusives and a variety of mig-
matites near the Tibetan frontier as well
as the apparent rejuvenation of some of
the high-level glaciers above (19,000 feet
(5780 m)).

A report on the reconnaissance
observations will be forthcoming. It is
hoped that this may be useful to the
Department of Mines and Geology and
also encourage more detailed investigations
leading to a publication on the geology
of Langtang National Park. It is antici-
pated that a follow-on expedition will
emerge from this original first survey.

All members of the expedition have expressed their great pleasure in visiting Nepal. They were impressed by its spectacular mountains, its friendly people and the excitement of the geological observations made. The marvelous cooperation and field abilities of the Sherpas and Ingamang and Guru porters, who assisted in the expedition were noteworthy. Parti-

cularly, the interest and help of the officials of the Department of Mines and Geology and of its Deputy Director General, Mr. J. M. Tater, were deeply appreciated.

Each member of the University of Idaho Langtang Expedition looks forward to a return visit to Nepal and to the Langtang-Jugal Himal region.

Fossil Elephant in Kathmandu

— G. M. S. Dongol*

June 23, 1984 was a government holiday. Geologist, Gopal Dongol of the Department of Mines and Geology was hammering away at some lake sediments in the southern part of Kathmandu Valley, when his hammer struck something which gave a hollow sound. He started digging faster. There were chunks of rocks which looked suspiciously like the fossil Molars of an elephant.

Later he excavated pieces of rocks which when put together looked like the tusk of an elephant.

These fossils have been tentatively identified as the remains of *Elephas tigris* of the Pleistocene time.

The discovery was made in the southern part of the valley, where the Bagmati River has cut through the huge lake sediments deposited during the damming of the ancient river near the Katwal Daha.

This finding sheds light on the initial stage of formation of the lake and also on the suitable climatic conditions favorable for this elephant to roam freely in the shallow lake of Pleistocene time.

* Geologist, Department of Mines and Geology, Lainchour, Kathmandu, Nepal.

Fifth Asian Conference On Remote Sensing

The Fifth Asian Conference on Remote Sensing was held in Kathmandu, Nepal in November 15 to 18, 1984 organized by National Remote Sensing Centre, Nepal and Asian Association on Remote Sensing. One hundred and fifty-nine participants from Asian countries (Bangladesh, China, Indonesia, Japan, S. Korea, Singapore, Sri Lanka, Thailand, and Nepal) and twelve participants from outside Asia (France, W. Germany, USA, U.N.) attended the conference. Number of papers presented during different sessions (National report sessions, Technical information session, Five lecture paper session and three poster sessions) totalled about sixty. National Report, five technical paper sessions, Papers entitled "Lineaments and Their Relation to Tin Mineralisation of

Central India" presented by Dr. A. K. Pachauri in Technical paper presentation, and 'Digital Multispectral analysis of Landsat MSS Data for determination of erosional potential, Karnali area, Nepal' presented by Mr P.K. Mool in poster session were awarded the best technical paper and poster session paper of the day. Seven papers presented on Geology and Geomorphology sessions was chaired by Dr. C.K. Sharma and co-chaired by Dr. Yuzo Sakamaki. The next 'Sixth Asian Conference on Remote Sensing' will be hosted by India in 1985 (Nov./Dec.), the seventh by S. Korea in 1986 Oct. Technical journals will be published from this year by Asian Association on Remote Sensing.

If a man will begin with certainties, he shall end in doubts; but if he will be content to begin doubts he shall end in certainties.

— FRANCIS BACON

Congratulation

Nepal Geological Society congratulates Mr. J. M. Tater, Deputy Director, General and Project Incharge, DMG/PEPP who is also Editor-in-Chief and member of NGS for receiving the honour of 'Gorkha Dakshin Bahu III' awarded to him on the auspicious occasion of 40th birthday of His Majesty King Birendra Bir Bikram Shah Dev.

Participation in Training Programme

Following members of The Nepal Geological Society have completed Degree/Diploma/training courses recently in various countries. NGS congratulates them and wishes further successes in their chosen field.

<u>Name</u>	<u>Subject</u>	<u>Country</u>
1. Aryal, R.K.	M. Sc in Geochemical Exploration	The Netherland
2. Hada, M.	M.S. in Hydrology	U.K.
3. Jha, J.	Remote Sensing	Thailand
4. Kaphle, K.P.	Mineral Exploration	Australia
5. Kayastha, N.B.	Petroleum Industry Development	Canada
6. "	Seismic Data Processing	U.S.A.
7. Mool, P.K.		U.S.A.
8. Nakarmi, G.		Canada
9. Poudyal, K.R.	Diploma in Min. exploration	The Netherlands
10. Pradhan, U.M.S.	Seismic Data Processing	U.S.A.
11. Sakya, T.R.	" " "	U.S.A.
12. Sharma, R.R.	Diploma in Min. Exploration	Netherlands
13. Shrestha, B.L.	Geomorphology	U.S.A.
14. Shrestha, J.	Diploma in Min. Exploration	The Netherlands
15. Shrestha, N.R.	Computer Programming	Nepal
16. Shrestha, O.M.	GSI Training	India
17. Shrestha, R.B.	Seismic Data Processing	U.S.A.
18. Shrestha, R.K.	Diploma in Geophysical Exploration	The Netherlands
19. Subedi, D.N.	GSI Training	India
20. Tamrakar, J.	Special Course	The Netherlands

Participation in Seminar/Conference

Following members of NGS have participated in seminar/conferences since our last publication:

<u>Name</u>	<u>Topic</u>	<u>Country</u>
1. Bhandari, A.N.	Sn & W	China
2. Dhungel, M.	Seismology & Earth Interior	India
3. Joshi, P.R.	Sn & W	China
4. Kaphle, K.P.	" "	China
5. Kayastha, N.B.	Geophysical Methods in Petro. Exploration	Norway
6. Kayastha, N.B.	Off-shore drilling	Canada
7. Koirala, A.	Seismology & Earth Interior	India
8. Pandey, M.R.	" "	India
9. Pant, D.	Seismology & Earth Interior	India
10. Pokharel, G.	" "	"
11. Tater, J.M.	Crustal Movement	Japan
12. Thapa, D.B.	Int. Geological Congress	U.S.S.R.

Best Wishes

Following members of NGS have left recently for further research/degree/diploma/training courses abroad. NGS wishes them success in their chosen field to study:

<u>Name</u>	<u>Subject</u>	<u>Country</u>
1. Adhikary, P.P.	Mineral Exploration	U.S.S.R.
2. Bhal, K.B.		Canada
3. Duwadi, A.K.	Geology	Canada
4. Kaphle, K.N.	Geology	Canada
5. Pradhan, P.M.	Mineral Exploration	U.K.
6. Sharma, T.	Geology	Japan
7. Shrestha, R.K.	Petroleum Geology	U.S.A.

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कृषि चून उद्योग लिमिटेड

चोभार, काठमाडौं

International Calender

<u>Date</u>	<u>Title</u>	<u>Location</u>	<u>Sponsor</u>
1. Nov 84-Oct 85	Post-graduate training course in Geology	Hyderabad India	RMRDC/India
2. 11-14 Feb 85	Asia Mining Conference and exhibition	Manila Philippines	IMM/AFMA
3. 15-18 Feb 85	Workshop on Environmental impact of Mineral Development in Humid Tropics	Manila Philippines	RMRDC/India
4. 25 Feb-2 Mar 85	Interregional Seminar and study tour on gold exploration and development	Bangalore India	UN/DTCD
5. 11-15 Mar 85	SE Asian Geotechnical Conference	Kualalumpur Malaysia	SE AGS
6. 1-4 April 85	Remote Sensing for Exploration Geology	San Francisco California	ERIM
7. July-Aug 85	Workshop on gold in Melanesia	Papua New Guinea	BWC
8. Sept-Oct 85	Seminar on drilling sampling and Corehole logging	Wuzi China	RMRDC/China
9. Sept-Oct 85	Workshop on Kuroko type mineralisation	Tokyo and Akita Japan	RMRDC/Japan
10. Nov 85	Study on Environmental impact of Mineral development	New Delhi India	RMRDC/Ump
11. Nov 85	Workshop on Remote Sensing and mineral exploration	U.S.S.R.	ESCAP
12. Nov 85	Workshop on use of Computer for feasibility studies of mineral development projects	Bangdang Indonesia	UM/DTCD
13.	Workshop on Potash and other fertiliser minerals	Bangkok Thailand	ESCAP
14. End 1984	International Workshop on land evaluation for soil erosion hazard assessment	Enschede The Netherlands	ITC

Auditors' Report to The Members of Nepal Geological Society

We have audited the Balance-sheet of the Nepal Geological Society as at 31st August, 1984 and the Income and Expenditure Account of the society for the year ended on that date annexed there to and report that:-

1. We have obtained all the informations and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
2. In our opinion, proper books of accounts as required have not been maintained.
3. The Balance sheet and Income & Expenditure Account dealt with by this report are in agreement with the available records made available to us.
4. In our opinion and to the best of our information and according to the explanations given to us, the account read with the above notes give a true and fair view:

(i) In the case of the Balance Sheet of the state of affairs of the society as at the 31st August 1984.

(ii) In the case of Income & Expenditure Account of its transaction for the year ended on that date.

Date: 7th Sept. 1984

NIRMAL & COMPANY
CHARTERED ACCOUNTANTS

RECEIPTS & PAYMENTS ACCOUNT FOR NEPAL GEOLOGICAL SOCIETY

For the period 13th Ashwin 2040 - 18th Bhadra 2041

LAST YEAR

THIS YEAR

THIS YEAR

Rs.	Receipts	Rs.	Rs.	Payments	Rs.
	Opening Balance: Cash in Hand 5593.25			Printing & Stationary 3580.80	
	Subscription: Cash at Bank 16,954.15		22,547.40		
	1. Against past areas 2300.00			Postage & Telegram 284.00	
	2. For the year 040/041 5300.00			Transport of Tax Fee 18.50	
	3. For the year 040/41 50.00		7650.00		
27,010.00				Renewals & Membership Fee 175.00	
				Donation 150.00	
25,533.86	Donation 12,343.16			Refreshment & Hospitality 293.50	
1100.00	Advertisement 45.00			Remuneration 2,300.00	
				Fuel & Petrol 91.40	
				Rates and Taxes 676.00	
				Miscellaneous 835.25	
	Sale of Journal 300.00			Audit fee for the period	
	For the past year 300.00				
	For the current year 2017.00		2317.00		
9,066.00				ended 12.6.2040 500.00	
				Advance to Nepal Printing House	
				Balance:-	
				Cash in Hand 2,278.10	
				Cash at Bank 27,214.50	
					34,514.40
62,709.86					

NIRMAL & COMPANY
CHARTERED ACCOUNTANTS

INCOME & EXPENDITURE ACCOUNT OF NEPAL GEOLOGICAL SOCIETY

For the period 13.6.2040 to 15.5.2041

LAST YEAR

This year

Last year

THIS YEAR

Rs.	Expenditure	Rs.	This year	Rs.	Last year	Income	Rs.
20,195.10	Printing & Stationary	3,580.80				Income from subscription	
909.55	Postage of Telegram	284.00				i. Against post amounts 2,300.00	
67.00	Transport/Taxi fare	18.50		2,7010.00		ii. For the year (040/041) 5,300.00	
-	Renewals & Membership fee	175.00					
-	Donation	150.00		25,533.86		Income from Donation	
12,343.16	Refreshment & Hospitality	293.50				Income from Advertisement	
45.00	Remuneration	-		1,100.00		Cash received	-
91.40	Fuel & Petrol	-		1,500.00		add: Outstanding	-
676.00	Rates & taxes	-					
500.00	Audit Fee	500.00				Income from Journal	
835.28	Miscellaneous	-		9,066.00		cash received	2,017.00
30,847.40	Excess of income over expenditure	6615.20		2,300.00		Add: Outstanding	2,017.00
66,509.86		11,617.00		66,509.86			11,627.00

In Terms of our Report

NIRMAL & COMPANY
CHARTERED ACCOUNTANTS

BALANCE SHEET

As per 15.5. 2041

12.6.2040	Fund & LIABILITIES	15.5.2041	12.6.2040	ASSETS & PROPERTIES	15.5.2041
Rs.		Rs.	Rs.		
	Accumulated fund/Excess of Income over Expenditure			Cash balance	
	Balance as on 12.6.040	30,847.40	5,593.25	in hand	2,121.80
			16,954.15	at Bank	27,234.50
30,847.40	for the current year	6,615.20	37,462.60		29,356.30
	Outstanding Liabilities & provisions		8,800.00	Debtors	8,500.00
500	1. Against Audit fee	500.00			
	2. Subscription received for 041/42	50.00			
31,347.40			38,012.60		38,012.60

Produktion

IN TERMS OF OUR REPORT

**NIRMAL & COMPANY'S
CHARTERED ACCOUNTANTS**

Secretary's Report

My President and Members,

It is my pleasure to present you the annual report of the society for the year 2040/41. Due to various factors, desired progress in the Society's activities could not be fully achieved. The cooperation of all Society members is solicited to improve the Society activities. The need for an executive committee with well defined responsibilities particularly in the case of the Vice President, Joint Secretary and members was felt. Also the assignment of definite responsibilities to the Editorial Board Member under the existing constitution is lacking which needs to be reversed.

In the current year to fulfill society's objective, activities such as talk programmes in the geological research work, society's bulletin publication and journal distribution, membership enrollment and renewal were under taken. During this period the executive committee conducted the following activities:

1. Talk Programmes in geological research

- a) Geomorphology and soil erosion, Nepal by Mr. Brian Carson
- b) Are platinum group of elements always associated with Ultra Mafic and Mafic rocks? No, way - by Dr. Norman Page
- c) Alkaline volcanic rocks, diamond bearing Kimberlites of South Africa by Mr. Vivian Preston

Production and distribution

The journals were published during this period due to inadequate advertising, subscription, editorial delay as well as some technical difficulties in the press. In future the members of the editorial board should be requested to scrutinise such papers to the printing stage which will avoid any such delays in the press.

At the end of the year of journals in stock, the society now has 734 numbers left. To avoid stock piling of journals causing loss to the society due to lack of efficient distribution, the marketing of the same should be followed more vigorously.

Membership enrollment and renewal

Two life and five ordinary members were enlisted during the current year and the present strength of the society has 32 life members, 106 members and two associate members.

Entertainment

The entertainment activities such as cultural programme, film shows or picnics could be arranged.

Finally on behalf of the executive committee, I wish to thank all the society members and various organisations for their full cooperation towards the well being of the society.

Thank You

Sd/ P.R. Joshi

Secretary

Date: Sept. 1984

Discussion and Comment

After the secretary's report many of the members present in the general body meeting actively participated in discussion about the society's various activities and short comings during the period 040/41.

Mr. A. B. Bhargava pointed out that the secretary's report should reflect all the outcome of the meeting with RONSAT and other scientific organisations other than merely recording the events within the society. Being the member of the editorial board, he

also remarked that the delay in Journal publication is not because of simply technical difficulties with the press but it is merely due to mismanagement in the executive committee.

Dr. M. P. Sharma put forward his unhappiness at the slakness in the progress of the society and in blunt proposition he desired to have the dissolution of the society for sometime until the members become aware of its necessity.

Mr. A. M. Dixit pointed out immediate necessity of registering the society's journal.

Mr. R. H. Bajracharya wished to know the funding capabilities available in the society to carryout research work in geological fields.

Mr. R. N. Yadav remarked that all activities so far attained by the society was during the period of the Adhoc committee.

Mr. G. B. Taladbar Joint-secretary, urged that the secretary's report should be discussed within the Executive Committee before presenting it to the general body meeting.

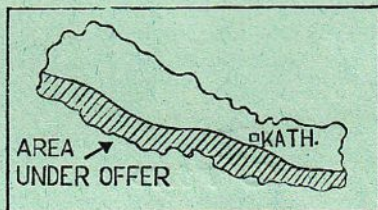
Mr. G. S. Thapa wished a rapid progress in future after such long period of stagnation in the society.

Mr. S. N. Ha expressed not only his thankfulness to the society for being nominated in the election committee but also stressed the urgency of co-operation among the geologist in the pursuit of the multifold activities in the society in future.

Mr. P. C. Adhikari and B. Dangol also joined the discussion and proposed to have parallel body like the present Executive Committee in the Society.

PETROLEUM EXPLORATION OPPORTUNITY IN NEPAL

The Department of Mines and Geology
Ministry of Industry
His Majesty's Government of Nepal
wishes to invite
Management and Senior Exploration Personnel
of interested Petroleum Exploration Companies
to a series of
PROMOTIONAL PRESENTATIONS



The presentations will review the results of recent seismic and geological evaluation work.

A promotional Brochure covering regional aspects of the work and outlining Bidding Procedures will be available to interested companies.

Schedule of Industry Presentation Meetings:

London	Thursday	21 March 1985
Houston	Thursday	28 March 1985
Kathmandu	Tuesday	9 April 1985

inquiries should be sent to:

Dept of Mines and Geology
Mr J M Tater
Deputy Director General
Lainchaur, Kathmandu, Nepal
Tel: 413541, 414740
Telex: 2320 MINES NP

Tetra Tech. Inc.
Mr J R Harris, Suite 505
2950 North Loop West
Houston TX 770012
Tel: (713) 957 7550
Telex: 775010 TETRA TECH HOU

Best Compliments

to

Nepal Geological Society

From

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Panipokhari

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Birta
Birganj Nepal

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